

# Manhole Inspection Summary

Manhole # S09E\_\_029MH

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**Inspection** ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **09E** Node: **029** Status: **Found**

Insp Date: **12/8/08 1:14 PM**

Incomplete Comments

Crew: **CB ET, MG JA**  
Inspector: **Torres**  
Firm: **URS**

**Location** Address: **3414 W FRANKLIN ST**

Cross Street: **N EDGEWOOD ST**

**Manhole** Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **Sheeting**

Comments

**Cover**

Shape: **Circular**

Diameter: **26** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame**

Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment**

☒ Exists

Material: **Concrete**

☐ Parged Height: **4** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Corbel**

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Barrel**

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **48** (in.) Length: (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☒ **Mortar** ☐ Roots ☒ **Wall**

**Bench**

☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel**

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Steps**

Count: **0** Missing: **1** ☐ Corroded

**Surcharge**

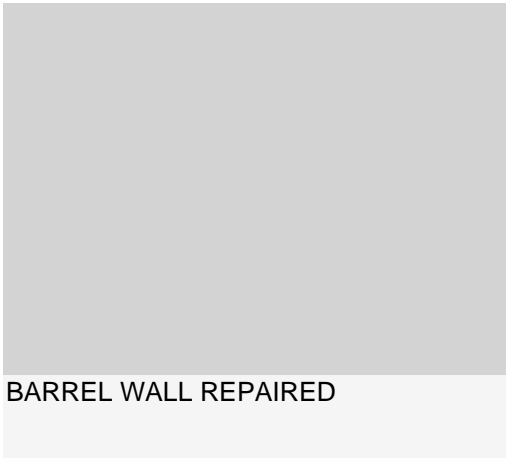
☒ **Evidence Of Surcharge**

Depth: **3** (ft.) ☐ Active Surcharge Present

Location View



Top View

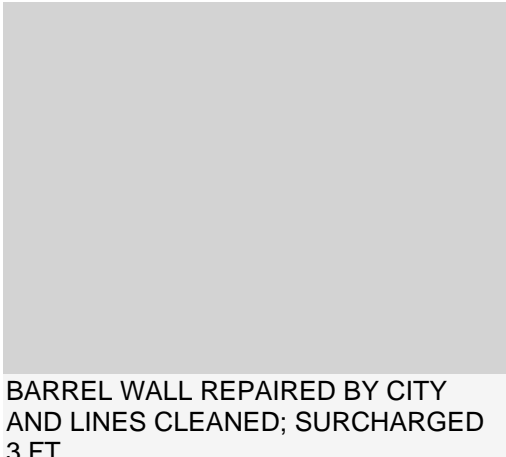


BARREL WALL REPAIRED

GRADE ADJUSTMENT

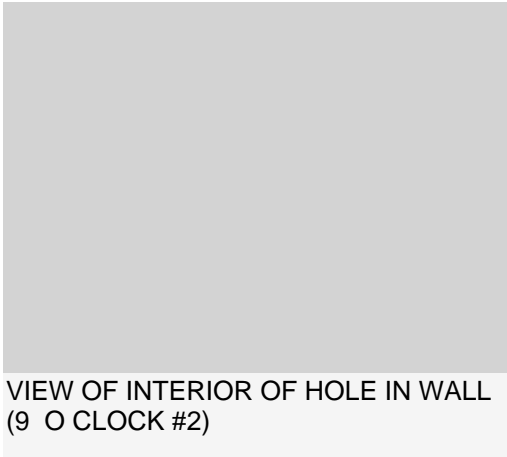


PREVIOUS SURCHARGE



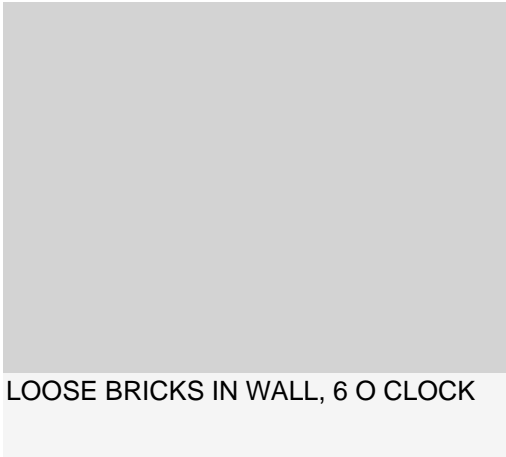
BARREL WALL REPAIRED BY CITY  
AND LINES CLEANED; SURCHARGED  
3 FT

Defect 4



VIEW OF INTERIOR OF HOLE IN WALL  
(9 O CLOCK #2)

Defect 5



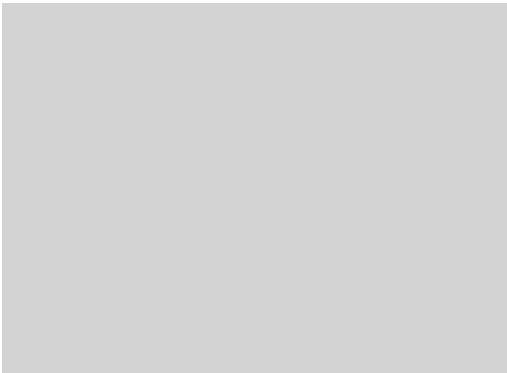
LOOSE BRICKS IN WALL, 6 O CLOCK

Defect 7



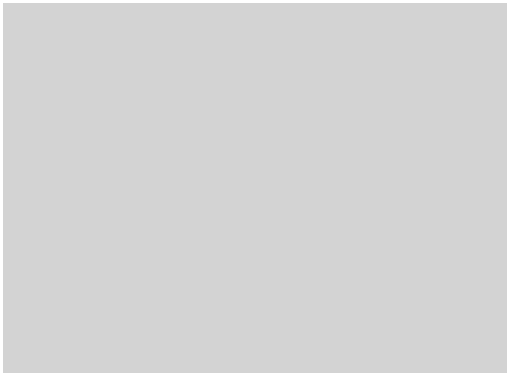
HOLE IN WALL, 7 O CLOCK

Defect 2



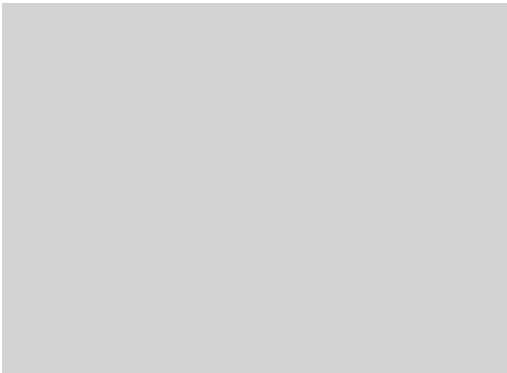
COLLAPSED WALL, 9 O CLOCK  
REPAIRED BY CITY

Defect 10



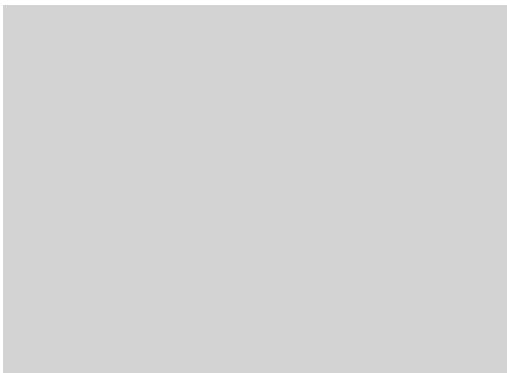
BROKEN PIPE SEAL

Defect 1



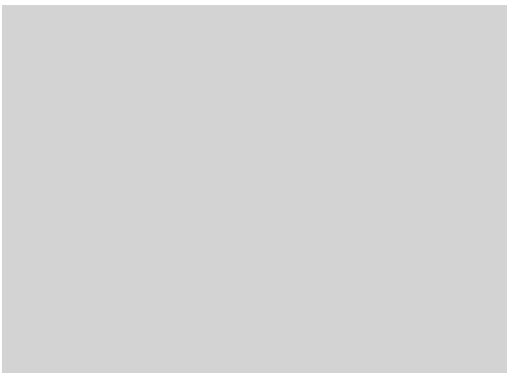
COLLAPSED WALL REPAIRED BY CITY

Defect 3



INTERIOR OF HOLE IN WALL (9 O  
CLOCK)

Defect 11



BROKEN I3 PIPE SEAL

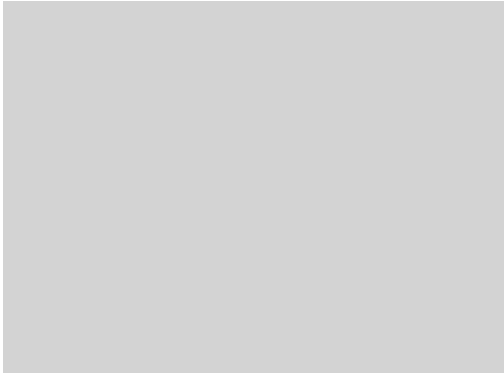
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Defect 9



BARREL WALL CRACKED OVER O12

# Manhole Inspection Summary

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10 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



BROKEN PIPE SEAL, EVIDENCE OF  
INFILTRATION

Pipe Height: **10.8** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay** ☐ Pipe Lined  
Invert Depth: **8.30** (ft.) Flow Characteristics: **Fast**  
Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease  
Silt Depth: **8** (in.) Deposits Extent: **Heavy**  
Infiltration: **Evidence** Pipe Seal Cond: **Broken**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer  
Pipe In @ 3 O'Clock

3 O'Clock Inflow



BROKEN PIPE SEAL

Pipe Height: **8.4** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay** ☐ Pipe Lined  
Invert Depth: **5.70** (ft.) Flow Characteristics: **Fast**  
Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease  
Silt Depth: **4** (in.) Deposits Extent: **Medium**  
Infiltration: **None** Pipe Seal Cond: **Broken**

Drop In @ 3 O'Clock



BROKEN PIPE SEAL, EVIDENCE OF  
INFILTRATION

Drop: **Outside** Rod and Bar  
Angled: **Yes** Reading: **6.80** (ft.)  
Inv Depth: **7.80** (ft.)  
Drop Condition: **Partly Clogged**

Connects To: **Manhole**

☐ Possible Illicit Connection

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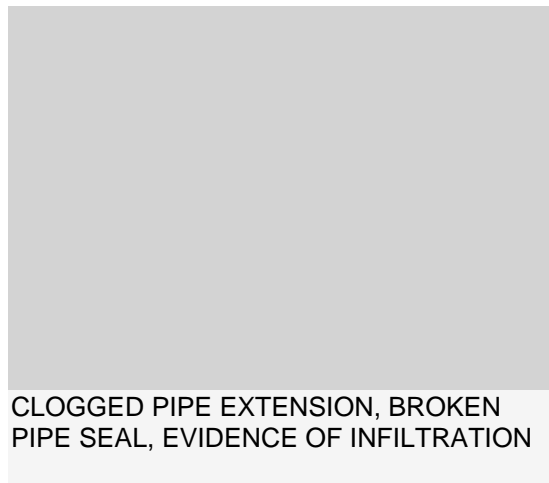
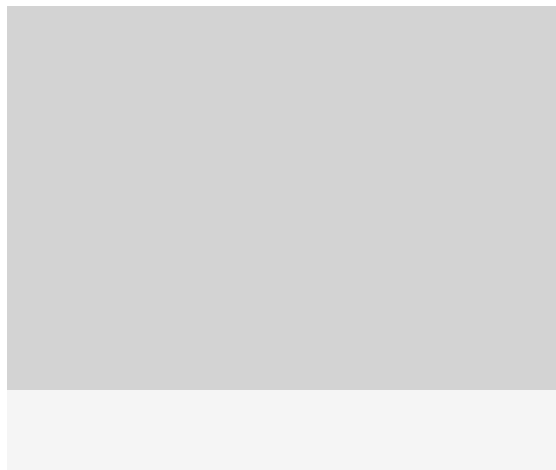
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8 in. Circular Gravity Sewer

6 O'Clock Inflow

Pipe In @ 6 O'Clock

Drop In @ 6 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **3.50** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Broken**

Drop: <b>Outside</b>	Rod and Bar
Angled: <b>Yes</b>	Reading: <b>6.70</b> (ft.)
	Inv Depth: <b>7.70</b> (ft.)
Drop Condition: <b>Partly Clogged</b>	

Connects To: **Manhole**

☐ Possible Illicit Connection